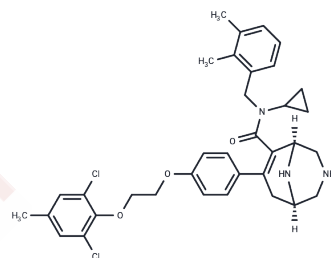


MK-8141

Chemical Properties

CAS No. : 903579-36-2
 Formula: C₃₅H₃₉Cl₂N₃O₃
 Molecular Weight: 620.61
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	MK-8141 is a renin inhibitor. It displays some antihypertensive efficacy in hypertensive patients.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6113 mL	8.0566 mL	16.1132 mL
5 mM	0.3223 mL	1.6113 mL	3.2226 mL
10 mM	0.1611 mL	0.8057 mL	1.6113 mL
50 mM	0.0322 mL	0.1611 mL	0.3223 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Jones-Burton C, Rubino J, Roy S, Mai Y, Meehan A, Bellet M, Feig P. Effects of the renin inhibitor MK-8141 (ACT-077825) in patients with hypertension. *J Am Soc Hypertens*. 2010 Sep-Oct;4(5):219-26. doi: 10.1016/j.jash.2010.06.006. Epub 2010 Aug 12. PubMed PMID: 20705534.
- Tomillero A, Moral MA. Gateways to clinical trials. *Methods Find Exp Clin Pharmacol*. 2009 Jun;31(5):341-56. PubMed PMID: 19649342.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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